

WATER SYSTEMS

- A. Water main pipe:
 - 1) Ductile iron class 50, ANSI/AWWA C151/A21.41, double cement-lined
 - 2) AWWA C-900 PVC DR18
- B. Fittings: ductile iron, class 350, mechanical joint, ANSI/AWWA C110/A21.10-87
- C. Services:
 - 1) 1" type "K" copper
 - 2) 1" PE-3408, SDR-9
- D. Bedding stone: minimum of 4" graded aggregate or 3/4-inch washed stone, where required.
- E. Tracer wire: 8-gauge copper tracer wire.
- F. Saddles: stainless steel saddles, equivalent to Ford FS303 on PVC only.
- G. Fire hydrants:
 - 1) Kennedy Guardian 81D
 - 2) American Darling B 62 B
- H. Valves: resilient-seated gates valves (ANSI/AWWA C509), open right.

SANITARY SEWER

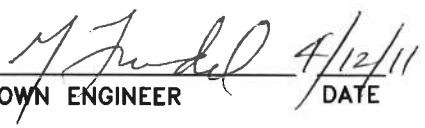
- A. Gravity sewer main pipe:
 - 1) 6" and greater: PVC SDR-35
 - 2) 4" and smaller: PVC schedule 40 - solid core; ASTM D-2665 & D-1785
 - 3) Cover < 42": class 50 ductile iron only.
- B. Forcemain pipe:
 - 1) Ductile iron class 50
 - 2) C-900 PVC DR 18
 - 3) Cover < 42": class 50 ductile iron only

STORM DRAIN

- A. Inlets
 - 1) Precast concrete
 - 2) Cast in place
- B. Storm drain pipe:
 - 1) Reinforced concrete pipe (RCP)
 - 2) HDPE (outside of paved surfaces) bedded to the haunches with graded aggregate
 - 3) Cover < 42" or beneath street improvements (pavement, curb, sidewalk) utilize RCP only

NOTES:

- A. All materials subject to shop drawing submittal, review and approval by Easton Utilities and the Town of Easton's Town Engineer prior to commencement of work.
- B. Connection of HDPE pipe to inlets and manholes shall be made with a special water-tight fitting as approved by the Town Engineer. Modify concrete wall thickness for fittings to account for pipe entering the joint system on an angle.

APPROVAL  TOWN ENGINEER DATE	REVISED AUG 1, 94 JAN 1, 11 	TOWN OF EASTON AND EASTON UTILITIES STANDARD DETAILS MATERIAL LIST
ISSUED: MAY 1, 1986		STANDARD NO. G-6.00